

To: JEAN, RUTH[RJEAN@idem.IN.gov]
From: Lee, Jae
Sent: Fri 6/2/2017 1:28:21 PM
Subject: FW: 2 questions on Tradebe

BB applicability discussion.

From: Lee, Jae
Sent: Thursday, June 01, 2017 9:06 AM
To: 'NADDY, JOHN' <JNADDY@idem.IN.gov>
Cc: Galbraith, Michael <Galbraith.Michael@epa.gov>; KIZER, BRUCE <BKIZER@idem.IN.gov>; Valentino, Michael <valentino.michael@epa.gov>
Subject: RE: 2 questions on Tradebe

John, Thank you for the information.

Very helpful. We need to research more about the BB applicability.

Jae

From: NADDY, JOHN [<mailto:JNADDY@idem.IN.gov>]
Sent: Thursday, June 01, 2017 8:54 AM
To: Lee, Jae <lee.jae@epa.gov>
Cc: Galbraith, Michael <Galbraith.Michael@epa.gov>; KIZER, BRUCE <BKIZER@idem.IN.gov>
Subject: RE: 2 questions on Tradebe

Jae-

Thanks for the questions. In looking into the issues of Subparts AA and BB applicability to the Tradebe Solids Distillation Units, here is what I found:

40 CFR 261.6(d) states the following:

(d) Owners or operators of facilities subject to RCRA permitting requirements with hazardous waste management units that recycle hazardous wastes are subject to the requirements of subparts AA and BB of part 264, 265 or 267 of this chapter.

When you look at 40 CFR 264.1030(e) Applicability it states:

(e) The requirements of this subpart do not apply to the process vents at a facility where the facility owner or operator certifies that all of the process vents that would otherwise be subject to this subpart are equipped with and operating air emission controls in accordance with the process vent requirements of an applicable Clean Air Act regulation codified under 40 CFR part 60, part 61, or part 63. The documentation of compliance under regulations at 40 CFR part 60, part 61, or part 63 shall be kept with, or made readily available with, the facility operating record.

Both of the Tradebe Solids Distillation System (SDS) units are included in the CAA Title V Permit issued on 10-31-2016 by the Indiana Department of Environmental Management Office of Air Quality. (See Link to IDEM VFC Document #80372402 Below)

As to the applicability of Subpart BB, I am wondering about the following:

- Since the Tradebe SDS units are distilling volatile organics from solids and Subpart BB is applicable to fugitive emission from equipment managing hazardous waste fluids, is subpart BB applicable to the SDS units?
- The waste entering the unit is a solid. The wastes exiting the unit are a solid hazardous waste char being disposed and water being fuel blended. Solvent recovered during the process is a product.
- Since the CAA Permit would also cover any pumps, compressors, pressure-relief valves, and valves, would the RCRA Subpart BB still be applicable?

John Naddy
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VFC Doc #80372402

https://ecm.idem.in.gov/cs/idcplg?IdcService=GET_FILE&dID=80372802&dDocName=80372402&Rendition=web&allowInterrupt=1&noSaveAs=1&fileName=80372402.pdf

From: Lee, Jae [<mailto:lee.jae@epa.gov>]
Sent: Wednesday, May 31, 2017 2:37 PM
To: NADDY, JOHN <JNADDY@idem.IN.gov>
Subject: FW: 2 questions on tradebe

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John,

We have a question why 40 CFT 264 Subpart AA would not be applicable to Tradebe's SDS unit.

Would the SDS be not classified as a Subpart AA unit (i.e., distillation)?

Would 40 CFR 261.6(d) would be applicable to SDS?

Would the waste processed in the Tradebe's SDS be considered as a recyclable materials not as hazardous waste?

Any response would be appreciated.

Jae

From: Lee, Jae
Sent: Wednesday, May 31, 2017 11:16 AM
To: Galbraith, Michael <Galbraith.Michael@epa.gov>; Valentino, Michael <valentino.michael@epa.gov>
Cc: Gerhard, Sasha <Gerhard.Sasha@epa.gov>
Subject: RE: 2 questions on tradebe

It may be considered as recyclable materials not as hazasous waste.

I will pose this question to IDEM.

Jae

From: Galbraith, Michael
Sent: Wednesday, May 31, 2017 10:22 AM
To: Lee, Jae <lee.jae@epa.gov>; Valentino, Michael <Valentino.Michael@epa.gov>
Cc: Gerhard, Sasha <Gerhard.Sasha@epa.gov>
Subject: RE: 2 questions on tradebe

Im not an expert in aa requirements, and I am not second guessing the state (just trying to understand positions various entities could take), but doesn't aa apply per 261.6d?

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From: Lee, Jae

Sent: Wednesday, May 31, 2017 10:53 AM

To: Galbraith, Michael <Galbraith.Michael@epa.gov>; Valentino, Michael <Valentino.Michael@epa.gov>

Subject: RE: 2 questions on tradebe

Mike,

IDEM thinks, per 40 CFR 261. 6 (c)(1), the process can be exempted as a recyclable process and AA can be exempted. And also, as you implied, per 40 CFR 40 CFR 264.1030(e), CAA can set up requirements for the SDS with control device.

I think, both Tradebe and IDEM, do not think the AA applicability due to recyclable exemption status.

Jae

From: Galbraith, Michael

Sent: Wednesday, May 31, 2017 6:29 AM

To: Lee, Jae <lee.jae@epa.gov>; Valentino, Michael <Valentino.Michael@epa.gov>

Cc: Gerhard, Sasha <Gerhard.Sasha@epa.gov>

Subject: 2 questions on tradebe

I'm still trying to figure out why subpart aa does not apply to the sds operations at tradebe. Why doesn't their configuration meet the definition of distillation unit?

It may not matter much as long as the condenser effluent gases are control by an equivalent CAA requirement. Is that the case?

Thoughts?

Mike Galbraith

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